

# Formaldehyde

50-00-0 | DTXSID7020637

Model Performance

Model

Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.89	0.25	0.88	0.26	0.75	0.38

Model Results

**Predicted value:** 12.9 days

**Global applicability domain:** Outside

**Local applicability domain index:** 2.06e-01

**Confidence level:** 8.71e-01

Nearest Neighbors from the Training Set

<div>Image not found</div> <div>Pentane</div> <div><b>Measured:</b> 5.00</div> <div><b>Predicted:</b> 6.52</div>	<div>Image not found</div> <div>Tridecane</div> <div><b>Measured:</b> 12.0</div> <div><b>Predicted:</b> 13.5</div>	<div>Image not found</div> <div>Tetradecane</div> <div><b>Measured:</b> 23.0</div> <div><b>Predicted:</b> 18.3</div>
<div>Image not found</div> <div>Dodecane</div> <div><b>Measured:</b> 10.0</div> <div><b>Predicted:</b> 10.6</div>	<div>Image not found</div> <div>Pentadecane</div> <div><b>Measured:</b> 26.0</div> <div><b>Predicted:</b> 20.8</div>	